## EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"5953432"	US-PGPUB; USPAT	OR	OFF	2007/11/15 16:29
S2	27	"5233664"	US-PGPUB; USPAT	OR	OFF	2007/11/15 16:29
S3	0	wo-200123104-\$.did.	US-PGPUB; USPAT	OR	OFF	2007/11/15 16:30
S4	1	wo-200123104-\$.did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/11/15 16:30
S5	2	"20070165878"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/11/15 16:30
S6	165	weight\$3 and 381/104	US-PGPUB; USPAT	OR	OFF	2007/11/15 16:50
S7	20	(weight\$3 same direct \$4) and 381/104	US-PGPUB; USPAT	OR	OFF	2007/11/15 17:00
S8	16	(weight\$3 same direct \$4) and 381/335	US-PGPUB; USPAT	OR	OFF	2007/11/25 18:38
S9	345	381/89	US-PGPUB; USPAT	OR	OFF	2007/11/25 18:38
S10	14	S9 and weight\$3 and direct\$3 and delay	US-PGPUB; USPAT	OR	OFF	2007/11/25 18:39
S11	19	("20020085731"   "20030219137"   "20050129258"   "3617654"   "4308423"   "4509184"   "5043970"   "5199075"   "5253301"   "5561717"   "5667391"   "5667957"   "5727066"   "5862227"   "5870484"   "5949894"   "6198826"   "6363157").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/25 22:45
S12	18	381/89 and (delay same ("0" or equal))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/25 23:41

S13	29	381/89 and (wide same direct\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 00:35
S14	0	381/89 and (bessel near array)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/25 23:43
S15	15	(bessel near array)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/25 23:43
S16	4	381/89 and (wide same narrow same direct\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 01:06
S17	16	konagai-yusuke\$.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 01:13
S18	265	381/335	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 01:13
S19	605	381/111	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/26 01:13
S20	0	"2001346297"	US-PGPUB; USPAT	OR	OFF	2008/05/19 14:31
S21	1	"2001346297"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:31
S22	2	"2004000675"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:32
S23	5	"6498852"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:33
S24	17	"5666424"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:33
S25	14	"5930373"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:33
S26	26	"4118601"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:33
S27	35	"3772479"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:34

S28	1	"20070076905"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:34
S29	1	"20070076905"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:34
S30	1	"2001025084"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:34
S31	1	"2000184488"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:35
S32	1	"2003230071"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/19 14:35
S33	29	"5233664"	US-PGPUB; USPAT	OR	OFF	2008/05/19 15:02
S34	186	381/105	US-PGPUB; USPAT	OR	OFF	2008/05/19 15:15
S35	132	S34 and direct\$6	US-PGPUB; USPAT	OR	OFF	2008/05/19 15:15
S36	601	381/77 and direct\$6	US-PGPUB; USPAT	OR	OFF	2008/05/19 15:17
S37	189	381/77 and (direct\$6 same speaker)	US-PGPUB; USPAT	OR	OFF	2008/05/19 15:18
S38	1	"20020072816"	US-PGPUB; USPAT	OR	OFF	2008/05/19 16:28
S39	30	(US-20070019831-\$ or US-20070165878-\$ or US-20060182298-\$ or US-20030219137-\$ or US-20070076905-\$ or US-20020072816-\$). did. or (US-7254239-\$ or US-6181796-\$ or US-5537479-\$ or US-5526456-\$ or US-5233664-\$ or US-7181033-\$ or US-6751325-\$ or US-5953432-\$ or US-5684879-\$ or US-5661808-\$ or US-5661808-\$ or US-	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/05/27 06:24

	постинения в пределавания в пределав	5657391-\$ or US-6498852-\$ or US-5666424-\$ or US-5930373-\$ or US-4118601-\$ or US-3772479-\$ or US-6954666-\$ or US-6942248-\$ or US-6850623-\$).did. or (JP-2001346297-\$ or JP-2001025084-\$ or JP-2003230071-\$).did. or (WO-200123104-\$). did.				
S40	13	wide and S39	US-PGPUB; USPAT	OR	OFF	2008/05/27 06:24
S41	9	wide and narrow and S39	US-PGPUB; USPAT	OR	OFF	2008/05/27 06:24
S42	38	wide and narrow and 381/89	US-PGPUB; USPAT	OR	OFF	2008/05/27 06:28
S43	48	wide and narrow and 381/111	US-PGPUB; USPAT	OR	OFF	2008/05/27 06:35
S44	1	(381/58,59).ccls. and (wide same narrow same directiv\$6)	US-PGPUB; USPAT	OR	OFF	2008/11/12 13:47
S45	1	(381/58,59).ccls. and (wide same narrow same directiv\$6)	US-PGPUB; USPAT; EPO	OR	OFF	2008/11/12 13:48
S46	58	"381"/\$.ccls. and (wide same narrow same directiv\$6)	US-PGPUB; USPAT; EPO	OR	OFF	2008/11/12 13:49
S47	30	"5233664"	US-PGPUB; USPAT; EPO	OR	OFF	2008/11/12 14:32
S48	4	"5953432"	US-PGPUB; USPAT; EPO	OR	OFF	2008/11/12 14:32
S49	0	wo-200123104-%.did.	US-PGPUB; USPAT; EPO	OR	OFF	2008/11/12 14:33
S50	0	wo-200123104-\$.did.	US-PGPUB; USPAT; EPO	OR	OFF	2008/11/12 14:33
S51	0	wo-200123104-\$.did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/11/12 14:33

S52	34	US-20060182298-\$ or US-20030219137-\$ or US-20070076905-\$ or US-20020072816-\$ or US-20040022409-\$). did. or (US-7254239-\$ or US-6181796-\$ or US-5537479-\$ or US-5526456-\$ or US-5233664-\$ or US-5233664-\$ or US-5953432-\$ or US-5661808-\$ or US-5666424-\$ or US-56930373-\$ or US-5930373-\$ or US-6954666-\$ or US-6954666-\$ or US-6954666-\$ or US-6954666-\$ or US-695655-\$ or US-6950623-\$ or US-5793875-\$).did. or (JP-2001346297-\$ or JP-2001025084-\$ or JP-2000184488-\$ or JP-2003230071-\$).did. or (WO-200123104-\$). did.	USPAT; JPO; DERWENT	OR	OFF	2008/11/19
ಶರಚ	21	S52 and delay	US-PGPUB; USPAT	UK	UFF	2008/11/19 20:38

## 11/20/2008 3:28:00 PM

 $\hbox{C:$\setminus Documents and Settings$\setminus gmonikang$\setminus My Documents$\setminus EAST$\setminus Workspaces$\setminus loudspeaker array audio signal supply app.wsp } \\$